

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor in which ~~the~~ radial and tangential static moments of a plurality of blades ~~for making a rotor~~ are initially measured, and then the blades are classified in pairs on the basis of a determined selection criterion depending on said previously measured two static moments, and finally the blades of the selected pairs are mounted one by one on the rotor in diametrically opposite positions.

Claim 2[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 1, wherein said selection criterion ~~consists~~ comprises ~~in~~ determining for two given blades both a radial static moment difference and a tangential static moment difference, and ~~in~~ verifying that said radial static moment difference is these ~~two differences are respectively~~ not greater than a first determined value and that said tangential static moment difference is not greater than a second determined value.

Claim 3[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 2, wherein said first determined value is 2×10^{-4} m.kg.

Claim 4[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 2, wherein said second determined value is 4×10^{-4} m.kg.

Claim 5[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 1, wherein ~~the~~ an axial static moment of said plurality

of blades is ~~also~~ measured and the blades are classified in pairs while taking account of the axial static moment ~~as measured in this way~~.

Claim 6[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 2, wherein ~~the~~ an axial static moment of said plurality of blades is ~~also~~ measured and the blades are classified in pairs while taking account of the axial static moment ~~as measured in this way~~, and wherein said selection criterion ~~consists~~ comprises ~~in~~ determining an axial static moment difference between said two blades and ~~in~~ verifying that ~~it~~ the axial static moment difference is not greater than a third determined value.

Claim 7[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 6, wherein said third determined value is 4×10^{-4} m.kg.

Claim 8[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 5, wherein ~~the~~ a combined static moment of said plurality of blades is ~~also~~ calculated and the classification in pairs is performed while taking account of the combined static moment ~~as calculated in this way~~.

Claim 9[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 8, wherein said selection criterion ~~consists~~ comprises ~~in~~ determining ~~the~~ an unbalance of ~~the~~ a residual radial, tangential, and axial static moments of said plurality of blades and ~~in~~ verifying that ~~it~~ the unbalance is not greater than a fourth determined value.

Claim 10[[/]] (Currently Amended): A method of distributing the blades of a turbomachine rotor according to claim 9, wherein said fourth determined value is 1×10^{-4} m.kg.

Claim 11 (New): A method of distributing blades on a rotor, comprising:
measuring radial and tangential static moments of a plurality of blades;
classifying the blades in the plurality in pairs according to said radial and tangential static moments; and
after said measuring and classifying, mounting the blades of the pairs one by one on the rotor in diametrically opposite positions.

Claim 12 (New): A method of distributing blades on a turbomachine rotor, comprising:
measuring radial and tangential static moments of each blade individually;
classifying the blades in pairs based on the measured radial and tangential static moments; and
mounting the blades of the pairs one by one on the rotor in diametrically opposite positions.

Claim 13 (New): The method according to claim 12, further comprising:
determining for each pair of blades a radial static moment difference between the radial static moments of the blades in the pair and a tangential static moment difference between the tangential static moments of the blades in the pair; and

verifying that the radial static moment difference is not greater than a first value and that the tangential static moment difference is not greater than a second value.

Claim 14 (New): The method according to claim 13, wherein the first value is 2×10^{-4} m.kg.

Claim 15 (New): The method according to claim 13, wherein the second value is 4×10^{-4} m.kg.

Claim 16 (New): The method according to claim 12, wherein the measuring further comprises measuring an axial static moment of the blades individually, and the classifying is further based on the measured axial static moment of the blades.

Claim 17 (New): The method according to claim 13, wherein the measuring further comprises measuring an axial static moment of the blades individually, and the classifying is further based on the measured axial static moment of the blades, and the method further comprises:

determining for each pair of blades an axial static moment difference between the axial static moments of the blades in the pair; and

verifying that the axial static moment difference is not greater than a third value.

Claim 18 (New): The method according to claim 17, wherein the third value is 4×10^{-4} m.kg.

Claim 19 (New): The method according to claim 16, further comprising:
calculating a combined static moment of the blades, and the classifying is further
based on the combined static moment.

Claim 20 (New): The method according to claim 19, wherein the calculating further
comprises calculating an unbalance of a residual of the radial, tangential, and axial static
moments of the blades and on verifying that the unbalance is not greater than a fourth value.

Claim 21 (New): The method according to claim 20, wherein the fourth value is 1×10^{-4} m-kg.

Claim 22 (New): The method according to claim 12, wherein said mounting is
performed after said measuring and classifying.

Claim 23 (New): The method according to claim 1, wherein the blades are mounted
after the radial and tangential static moments are measured and the blades are classified in
pairs.